



NTA Trail Boss

September 8, 2010

Advanced Planning Briefing to Industry

COL Daniel J. McCormick
JPM NBC CONTAMINATION AVOIDANCE
Joint Program Executive Office for
Chemical and Biological Defense



Background and Guidance



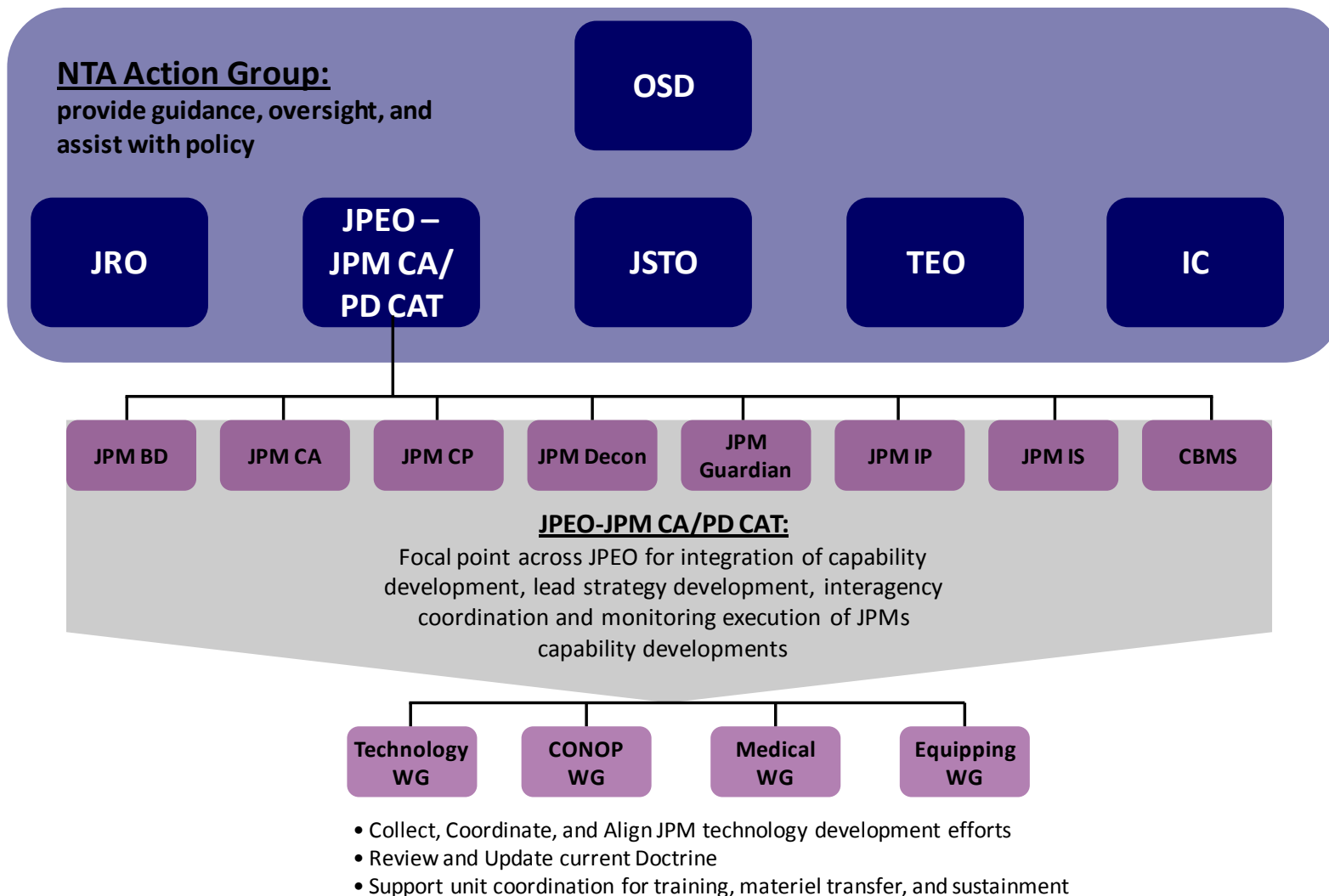
- **Action Group**
 - **Stood up April 2009**
 - **Chartered June 2009**
 - **Oversight, Guidance and Policy**
 - **Principals: OSD (Chair), JRO, TEO, JPEO (PD CAT), JSTO, NGIC**
 - **Ad Hoc Members: ECBC, AF, Navy, Army (G-8, G-3/5/7), AEC, DPG, DHS**
- **DOD Strategic Plan**
 - **Prioritizes Threats, Commodities and Missions**
 - **Near, Mid and Long Term**
 - **2009 Over Guidance Issue Submission**
- **National RDA Plan**
 - **DoD, DHS & OSTP**
 - **National Defense Strategy and Priorities**
- **Security Classification Guide**
 - **OSD Signed 2010 (DHS adopted as Interim)**
 - **Update Review Underway, Intended to be Interagency**

“Trail Boss” Concept

- **JPEO designates Trail Boss in order to:**
 - Serve as Focal Point Across JPEO for Capability Development for Given Topic
 - Lead Strategy Development
 - Monitor Execution
 - Coordinate Interagency
- **JPMs still Execute Component Capability Development**
- **JPM NBCCA has been Designated “Trail Boss” for Emerging Threats**
- **JPM NBCCA established PD Combating Advanced Threats (PD CAT)**
 - Serve as the Synchronization and Integration Office for Related Activities Across the JPEO CBD
 - Represent the Organization at Stakeholder Meetings
 - Disseminate Guidance across JPEO
 - Facilitate Activities to Achieve OSD Objectives, Manage Stakeholder Expectations
 - Assist JPMs to Meet Project Goals, while Aligning with Current Acquisition Programs & Program Strategies
 - Manage Detect Project
 - Integrate Specific Cost, Schedule and Performance Achievements for Headquarters' Reporting



PD-CAT Organizational Interface





NTA Trail Boss



**DELIVERING AN INTEGRATED
NATIONAL DEFENSE CAPABILITY TO
PROTECT THE WARFIGHTER AND HOMELAND
FROM EMERGING THREATS**



Detection

IIEAR
Bulk ID
Sensitive Site
Assessment

MD
Trace ID
Environmental
Monitoring

FAR
Wide Area
Early Warning /
Standoff



Medical Countermeasures

IIEAR
Patient Care
TTPs

MD
Therapeutics

FAR
Pre-Treatment



Contamination Mitigation
(Decontamination)

IIEAR
Respond
(Immediate/Operational)

MD
Recover
(Thorough)

FAR
Restore
(Clearance)



Individual Protection

IIEAR
Level A
MOPP

MD
MOPP
Enhancement

FAR
Integrated
Protection



Test Infrastructure

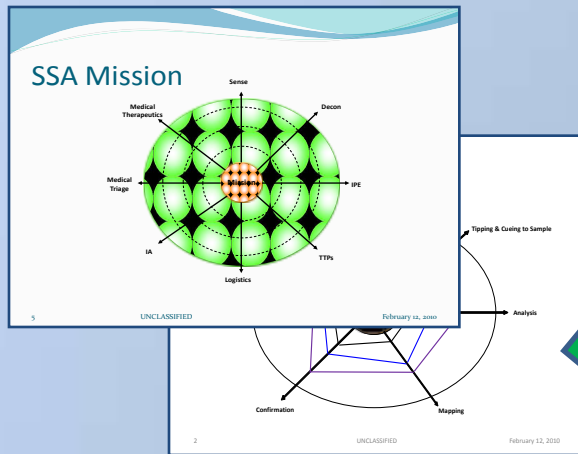
IIEAR
Glove Box

MD
NTA Chamber

FAR

Deliver Integrated Solutions to Continually Increase Warfighter Capability

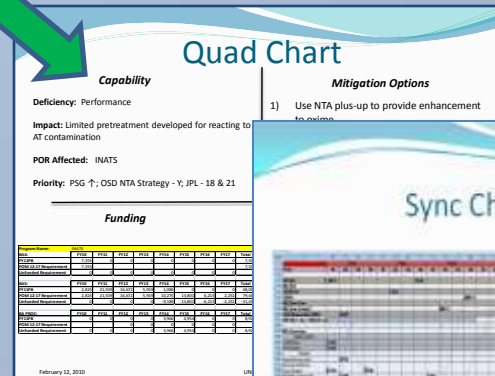
Mission Decomposition Approach



Mission Decomposition

Testing, S&T inputs to address mission; capability gaps

Reporting and Monitoring



Feedback Loop

- Using SSA or CM mission to formalize process in parallel with RFI (real data)
- Expand to other mission areas
- *Potential to expand to other threats*
- *Nests with Enterprise Trail boss SE Efforts*



Systems Engineering





NTA Trail-Boss Programs of Interest



PD/JPM	Program	FY11	FY12	FY13	FY14	FY15	FY16
JPM CA	NTA Detect						
JPM CA	NTA Chamber						
JPM CA	NGCPD						
JPM CA	DR SKO						
JPM CA	MS SKO						
JPM CBMS	BioScav						
JPM CBMS	INAT						
JPM CBMS	AAS						
JPM CBMS	CANAT						
JPM Decon	DFOS						
JPM IP							

	6.4	6.5	PROC	Sustainment
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JPM NBC Contamination Avoidance Contacts



- ♦ COL Daniel J. McCormick
Joint Project Manager
NBC Contamination Avoidance

410.436.2566

daniel.mccormick@us.army.mil

- ♦ Mrs. Nancy Kammerer
Deputy Joint Project Manager
NBC Contamination Avoidance

410.436.5263

nancy.kammerer@us.army.mil

- ♦ Mr. Richard C. Floyd
Product Director
Combating Advanced Threats

410.436.4005

richard.floyd@us.army.mil